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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/609,020	06/30/2000	Barry Paul Pershan	Bell-28	2130

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VERIZON CORPORATE SERVICES GROUP INC.
C/O CHRISTIAN R. ANDERSEN
600 HIDDEN RIDGE DRIVE
MAILCODE HQEO3H14
IRVING, TX 75038

EXAMINER

NGUYEN, QUYNH H

ART UNIT	PAPER NUMBER
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2642

DATE MAILED: 04/07/2004

13

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/609,020

Applicant(s)

PERSHAN ET AL.

Examiner

Quynh H Nguyen

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Remarks filed 3/16/04.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6,8,10-14 and 20-22 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-6,8,10-14 and 20-22 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. The previous Final Office action, paper number 11 is withdrawn. **THIS OFFICE ACTION IS MADE FINAL.**

2. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claim Rejections - 35 USC § 103

3. Claims 1-3, 10, and 20-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Albers et al. (U.S. Patent 6,650,633).

Regarding claims 1 and 21, Albers et al. teach the steps of: operating a peripheral device (Fig. 3, IP 358) coupled to a telephone switch to receive a call from a caller using a first telephone (Fig. 3 and col. 13, lines 49-61); determining the incoming call information, for example, incoming call telephone number (col. 16, lines 12-17); detecting receipt of a first control signal from a first telephone ("receives DTMF or inputs from subscribers" - col. 13, lines 29-30); if the first signal is a control signal used to activate call forwarding ("DTMF, special access number, PIN" - col. 4, lines 50-54), determining if a previously stored call forwarding telephone number is available (col. 16, lines 23-36) in a call processing record stored in a service control point coupled to the peripheral device by the telephone switch (col. 14, lines 56-63), the call processing record being associated with the first telephone number; if it is determined that a previously stored telephone number is available (the presence of a directory number in the call forwarding field - col. 16, lines 34-36) indicates the call forwarding is activated.

Furthermore, Albers et al. teach the telephone carriers create and update subscribers' services that stored in the call processing records are stored in the data base in the ISCP (col. 14, lines 56-63) reads on claimed "...updating said call processing record associated with said first telephone to indicate that call forwarding is active".

However, Albers et al. do not explicitly suggest determining if the first telephone corresponds to a telephone for which call-forwarding service is supported; forwarding calls directed to the first telephone to a second telephone using the previously stored call forwarding telephone number.

It would have been obvious to one of ordinary skill in the art at the time of the invention was made that determining if the first telephone corresponds to a telephone for which call forwarding service is supported; forwarding calls directed to the first telephone to a second telephone are well known and the advantages of using them are also well know. For example, it is necessary to determine that the caller from the first telephone is subscribed for call forwarding service before forwarding calls directed to the first telephone to a second telephone using the previously stored call forwarding telephone number.

Regarding claim 2, Albers et al. teach if it is determined that a call forwarding is not supported (the absence of a directory number in the call forwarding field indicates call forwarding is not activated - col. 16, lines 34-36), the Service Order Administration and Control system performs a number or processes to implement the service, for example, prompting the caller for a telephone number corresponding to a service to be updated (col. 16, lines 41-46).

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Regarding claim 3, Albers et al. teach examining the first signal to determine if the first signal is a control signal used to activate call forwarding or to disable call forwarding (col. 4, lines 51-54).

Claim 10 is rejected for the same as discussed above with respect to claims 1, 2, 4, and 6.

Claim 20 is rejected for the same as discussed above with respect to claim 1. Furthermore, Albers et al. teach a telephone (Fig. 1, 126); a switch (Fig. 1, 104, 106) coupled to the telephone; a peripheral device coupled to the switch (Fig. 3, IP 358); a service control point (SCP 120 or 342) coupled to the switch and the peripheral device by way of the switch; means for activating a call forwarding service (col. 4, lines 7-54 and col. 16, lines 41-46).

Claim 22 is rejected for the same as discussed above with respect to claim 1. Furthermore, Albers et al. teach the call is placed from a telephone having a different telephone number than a telephone number included in the received signal (col. 7, lines 37-48); changing the status of a call forwarding indicator (col. 4, lines 51-54).

4. Claims 4-6, 8, 11-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Albers et al. (U.S. Patent 6,650,633) in view of Hallenstal (U.S. Patent 6,125,126).

Regarding claims 4, 5, 8, 11, 13, and 14, Albers et al. teach when the subscriber dials the target number, LNP trigger, suspends processing and launches a query to the SCP 120 via TP 118. The call encounters a Terminating Attempt Trigger (TAT) query to the SCP (col. 7, lines 36 through col. 8, line 64). However, Albers et al. do not teach sending an update message to a telephone switch to which the first telephone is

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coupled to set a terminating attempt trigger on a telephone line corresponding to the first telephone.

Hallenstal teaches operating a service control point ("SCP 136") receives and processes event messages from the ("SSP 134") and formulates and sends responses to the SSP 134 (col. 8, line 22 through col. 9, line 20).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made to incorporate the feature of operating a service control point (SCP) to send an update message to a telephone switch to which the first telephone is coupled to set a terminating attempt trigger on a telephone line corresponding to the first telephone, as taught by Hallenstal, in Albers's system in order to have a better system with more advanced and flexibility features of the Advanced Intelligent Network environment.

Claims 6 and 12 are rejected for the same as discussed above with respect to claim 1 limitation "updating said call processing record associated with said first telephone to indicate that call forwarding is active", the different is disabling ("deactivate") control signal from the first telephone instead of enabling ("activate") that is rejected for the same reasons as discussed above with respect to claim 3.

Response to Arguments

5. Applicant's arguments with respect to claims 1-6, 8, 10-14, and 20-22 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

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6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 703-305-5451. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.


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qhn

Quynh H. Nguyen
March 31, 2004


AHMAD MATAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600